

AMENDMENTS TO THE CLAIMS

1. (Currently amended): A radio terminal comprising:

content acquisition means for acquiring a content on the Internet by radio;

determination means for determining whether the radio terminal can reconstruct the content acquired by the content acquisition means without any conversion;

content transfer means for transferring the content acquired by the content acquisition means to an external server;

content request means for, after transfer of the content, requesting the external server to transmit content data converted into a data format that the radio terminal can reconstruct;

a memory which stores converted content data received from the external server in response to a request from the content request means; and

content reconstruction means for reconstructing the converted content data stored in the ~~content storage means~~ memory and for directly reconstructing at least part of the content acquired by the content acquisition means before receiving the converted content from the external server.

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Previously presented): The terminal according to claim 1, wherein the content acquisition means requests the external server to acquire the content, and the external server requests and acquires the content from the Internet in response to the content acquisition request.

7. (Canceled).

8. (Canceled).

9. (Currently amended): An information processing system, comprising:

(A) a radio terminal connected to the Internet by radio and comprising:

(1) content acquisition means for acquiring a content on the Internet by radio;

(2) determination means for determining whether the radio terminal can directly reconstruct the acquired content without any conversion,

(3) content transfer means for transferring the content acquired by the content acquisition means to an external server;

~~(3)~~(4) content request means for requesting the external server to transmit a content ~~into~~ in a data format that the radio terminal can reconstruct; ~~and~~

~~(4)~~(5) content reconstruction means for reconstructing the content data received from the external server and for directly reconstructing at least part of the content acquired by the content acquisition means before receiving the converted content from the external server in response to a request from the content request means;

and

(B) the external server in communication with the radio terminal and comprising:

(1) a memory which stores the content transferred from the radio terminal by the content transfer means;

(2) content conversion means for converting the content stored in the content storage means into content data based on the request from the content request means; and

(3) content transmission means for transmitting the content data converted by the content conversion means to the radio terminal in response to the request from the content request means.

10. (Previously presented): The system according to claim 9, wherein the content acquisition means comprises:

an internal server for sending/receiving a data request and response to/from the Internet; and

a data transfer medium for receiving the content from the Internet by controlling the internal server.

11. (Previously presented): The system according to claim 10, wherein the content acquisition means sends a content acquisition request to the external server, and

the external server performs data transmission/reception operation for content acquisition to/from the Internet through the radio terminal in response to the content acquisition request.

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Withdrawn): A radio terminal which communicates with devices on the Internet through radio communications, comprising:

a memory;

an internal web server;

a first interface which provides data communications with the Internet through radio communications; and

a second interface which provides data communications with the Internet through means other than radio communications;

wherein the memory, internal web server, first interface, and second interface are coupled together for data communications; and

wherein the radio terminal acquires web page content through one or more of the first and second interfaces using the internal web server, the so acquired content being stored in the memory, converts the stored content into a data format that the radio terminal can reconstruct, and reconstructs the converted data.

18. (Withdrawn): The terminal according to claim 17, wherein
the terminal further comprises a second memory which stores the converted data, and
the terminal reconstructs the stored data.

19. (Currently amended): A method of browsing content comprising a web page and associated contents from a content server on the Internet using a cellular telephone, the method comprising:

requesting content from the content server through radio communications;

receiving the content through radio communications;

determining whether the received content is in a data format that the telephone can reconstruct;

reconstructing the so formatted content;

storing the received content;

converting the stored content into a data format that the telephone can reconstruct; and

reconstructing the so converted content data;

wherein the so formatted content is reconstructed before reconstructing the so converted content data.

20. (Previously presented): The method of claim 19, further comprising:

transferring the content received to an external server; and

requesting that the external server transmit the so converted content data.

21. (Canceled).

22. (Currently amended): The method of claim ~~21~~20, further comprising:

reconstructing the so formatted content before transferring content not in such format to the external server.

23. (Previously presented): The method of claim 20, wherein the telephone requests the content from the content server, but the content is received by the external server.

24. (Previously presented): The method of claim 20, wherein the telephone requests the content from the external server, and the method further comprises the external server requesting the content from the content server through the telephone.

25. (New): An external server that converts content received from the Internet for visual display or audio output on a portable terminal, the external server comprising:

a communication means for exchanging data with the portable terminal;

a memory that stores content received from the Internet;

a processor; and

a computer program comprising instructions tailored to the memory, display and output capabilities of said portable terminal;

wherein said instructions cause said processor to convert the received content into a data format for display or output on said portable terminal.

26.(New): The server of claim 25, wherein the computer program is further adapted to cause the external server to receive a universal resource locator from the portable terminal and to request content using the received universal resource locator.

27.(New): The external server of claim 26 wherein the computer program is further adapted to cause the server to request content from the Internet through the portable terminal.